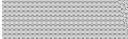


Water Screening Values (ug/L)						
Chemical	Hiker Camper Recreational Surface Water	Groundwater (MCLs)	Drinking Water (Colorado)	Ecological Water (Colorado)		Agriculture (30 day) (Colorado)
				Acute	Chronic	Pre-event Baseline Average
Aluminum	170,000			750 (tot rec)	87 (tot rec)	
Antimony		6	6.0 (30 day)			
Arsenic, Inorganic	50	10	0.02-10 (30 day)	340	150	100
Barium	33,000	2,000	490 (30 day)			
Beryllium and compounds	330	4	4.0 (30 day)			100
Cadmium (Water)	83	5		calculated	calculated	10
Cadmium (sediment)						
Calcium						
Chromium, Total	210,000	100		16 (VI)	11	100
Cobalt	50					
Copper	6,700	1,300	1,000 (30 day)	calculated	calculated	200
Iron	120,000	300 (2nd)	300 (30 day, diss)		1,000 (tot rec)	20,000 (NM?)
Lead and Compounds	200	15		calculated	calculated	100
Magnesium						
Manganese	7,800	50 (2nd)	50 (30 day, diss)	calculated	calculated	200
Mercury		2		1.4		2 (NM?)
Molybdenum						300
Nickel Sol Salts	3,300		100 (30 day)	calculated	calculated	200
Potassium						
Selenium		50	50 (30 day)	18.4	4.6	20
Silver		100 (2nd)		calculated	calculated	
Sodium						
Thallium (Sol Salts)	1.7	2	0.5 (30 day)		15	

 Ecological values under developm

Vanadium	830						
Zinc	50,000	5,000 (2nd)	5,000 (30 day)	calculated	calculated	2,000	

Notes:

EPA NEPIS agricultural values for iron and mercury are 20,000 ug/L and 2 ug/L, respectively.

Secondary MCLs are noted in parentheses as (2nd).

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Sediment Screening Values (mg/kg)

Chemical	Ecological Sediment (mg/kg)	Hiker Camper Recreational Sediment (mg/kg)
Aluminum		3,300,000
Antimony		3,000
Arsenic	33	4,200
Barium		670,000
Beryllium		6,700
Cadmium	4.98	1,700
Calcium		
Chromium, Total	111	4,300,000
Cobalt		1,000
Copper	149	130,000
Iron		2,300,000
Lead and Compounds	128	20,000
Magnesium		
Manganese		160,000
Mercury	1.06	1,000
Molybdenum		
Nickel	48.6	67,000
Potassium		
Selenium		
Silver		17,000
Sodium		
Thallium		33
Vanadium		830
Zinc	459	50,000

Ecological values under development